



Technical Documentation

Dulbecco's Modified Eagle's Medium - High Glucose - Liquid Media

	SH30022 SH30308 ADCF	SH30081 SH30315 ADCF	SH30284 SH30317 ADCF	SH30243 SH30317 ADCF	SH30249 SH30317 ADCF	SH30207 SH30320 ADCF	SH30285 SH30320 ADCF	SH30019 SH30319 ADCF	SH30262 SH30319 ADCF
Description	mg/L								
CaCl ₂ (anhydrous)	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	0.00
Fe(NO ₃) ₃ ·9H ₂ O	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
KCl	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
MgSO ₄ (anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67	0.00
NaCl	6400.00	6400.00	6400.00	6400.00	4750.00	6400.00	6400.00	6400.00	6400.00
NaH ₂ PO ₄ ·H ₂ O	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00
Inorganic Salts									
L-Arginine HCl	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
L-Cysteine 2HCl	62.57	62.57	62.57	62.57	62.57	62.57	62.57	62.57	62.57
L-Glutamine	584.00	0.00	584.00	584.00	584.00	584.00	0.00	584.00	0.00
Glycine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
L-Histidine HCl·H ₂ O	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
L-Isoleucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
L-Leucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
L-Lysine HCl	146.20	146.20	146.20	146.20	146.20	146.20	146.20	146.20	146.20
L-Methionine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
L-Phenylalanine	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
L-Serine	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
L-Threonine	95.20	95.20	95.20	95.20	95.20	95.20	95.20	95.20	95.20
L-Tryptophan	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
L-Tryptosine 2Na·2H ₂ O	103.79	103.79	103.79	103.79	103.79	103.79	103.79	103.79	103.79
L-Valine	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60
Amino Acids									
D-Ca Pantothenate	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00
D-Na Pantothenic Acid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
Choline Chloride	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Folic Acid	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Myo-Inositol	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
Niacinamide	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Pyridoxal HCl	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pyridoxine HCl	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Riboflavin	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Thiamine HCl	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Vitamins									
D-Glucose	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
HEPES	0.00	0.00	0.00	0.00	5958.00	0.00	0.00	0.00	0.00
Phenol Red (Sodium)	15.90	15.90	0.00	15.90	15.90	15.90	15.90	15.90	15.90
Sodium Pyruvate	0.00	0.00	0.00	110.00	0.00	0.00	110.00	0.00	0.00
NaHCO ₃	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00
Other									

Exhibit A

ADCF: Animal Derived Component
Free